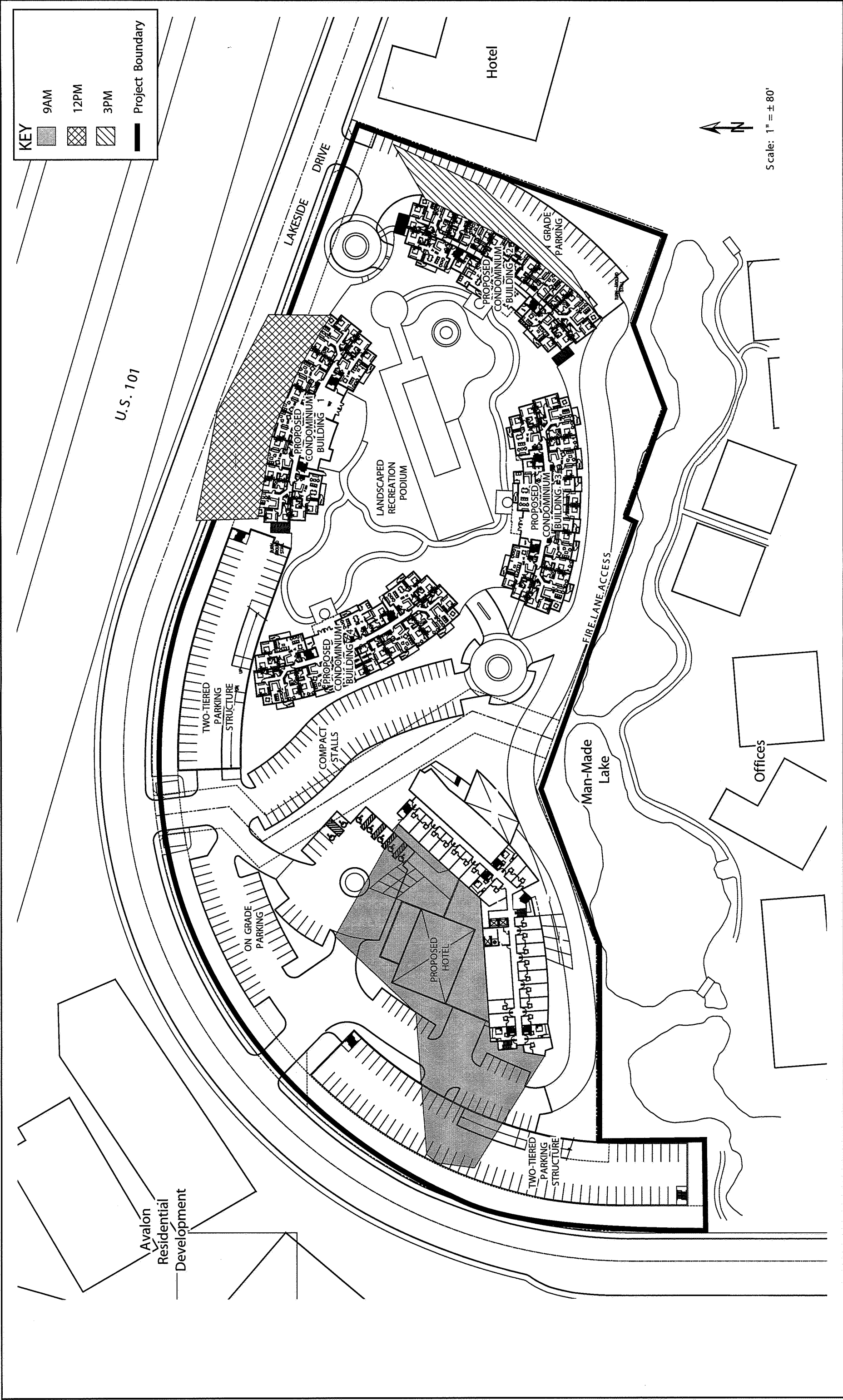


APPENDIX C

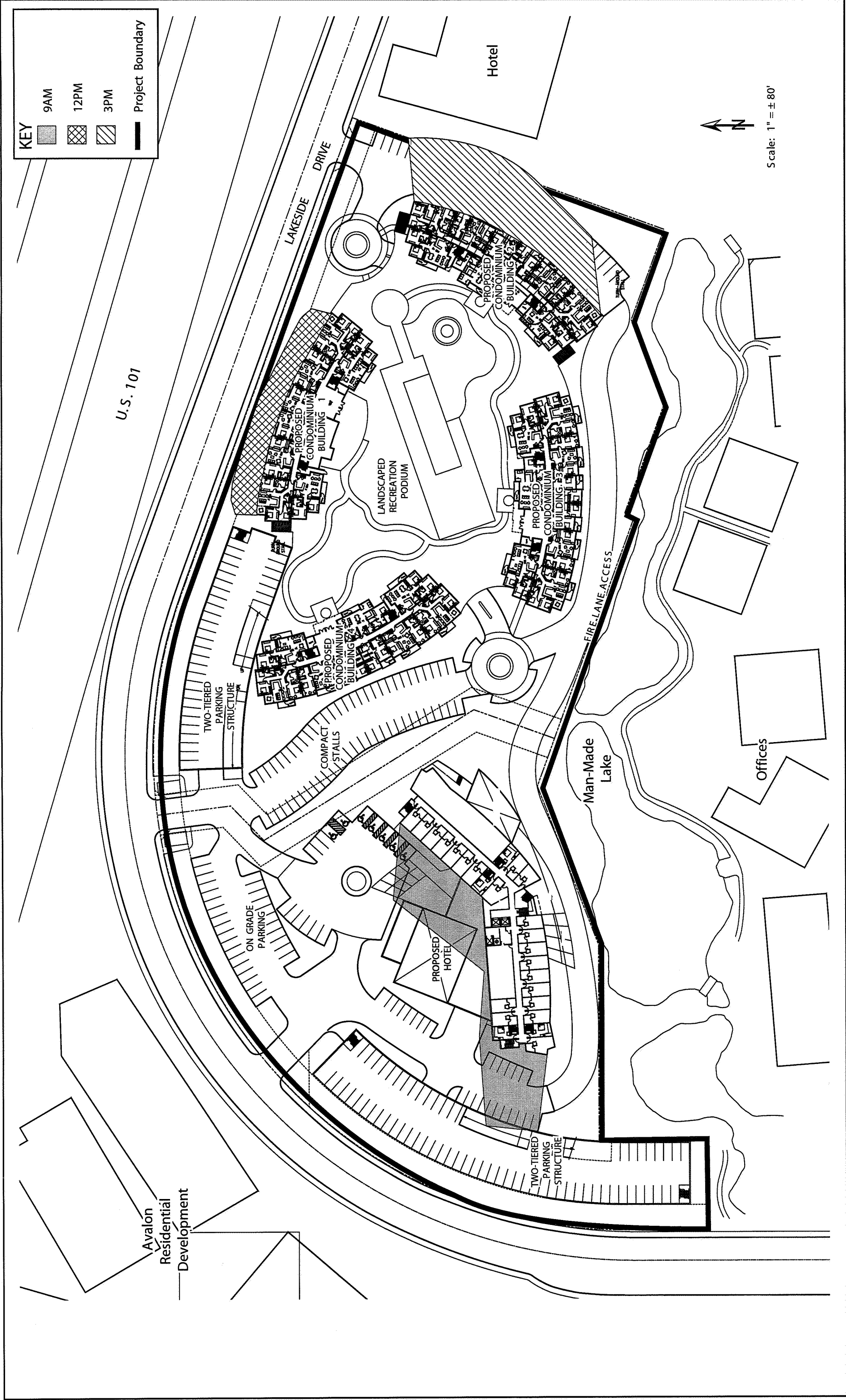
SHADE AND SHADOW ANALYSIS

***PREPARED BY
DAVID J POWERS AND ASSOCIATES***



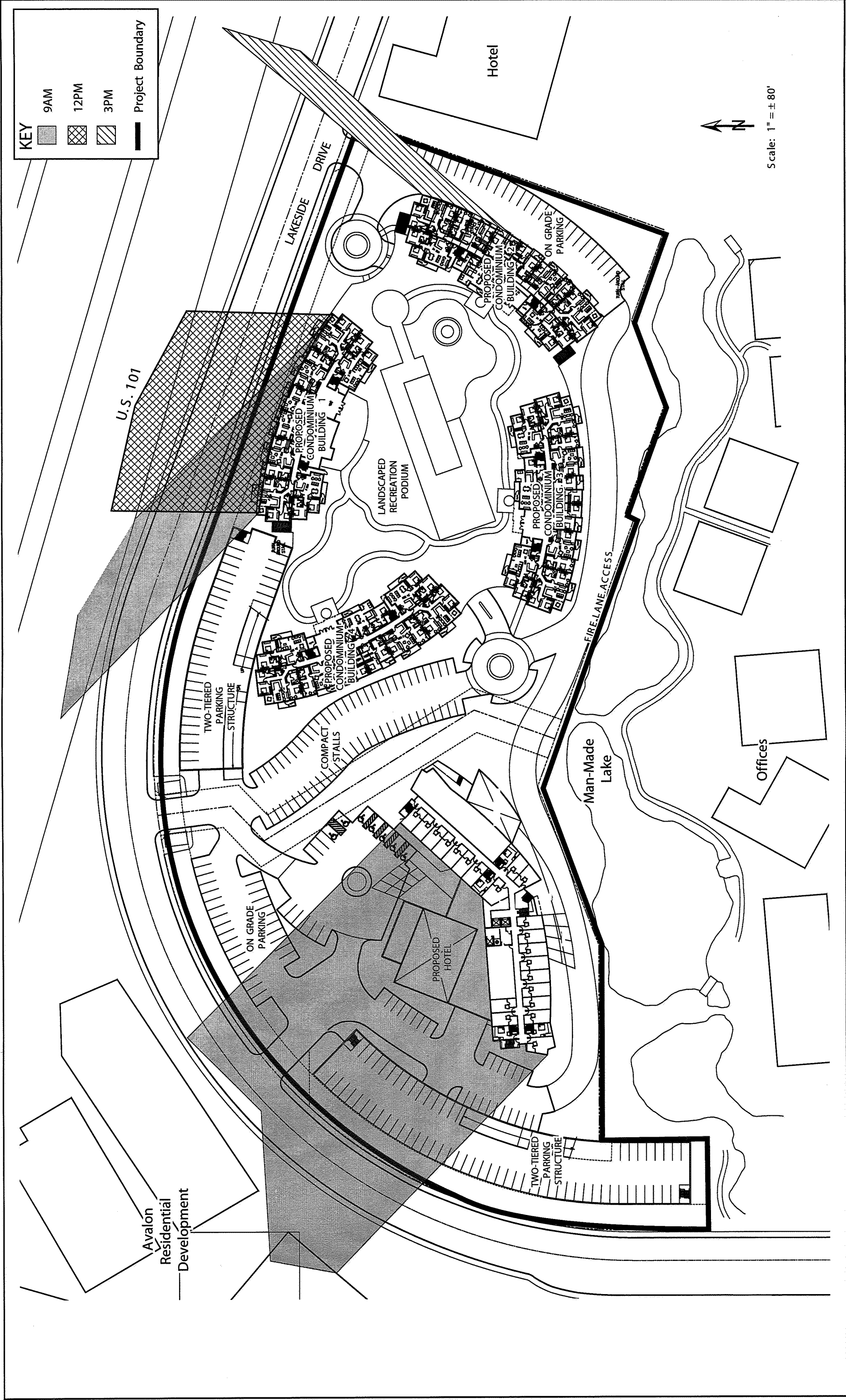
REPRESENTATIVE SHADE AND SHADOW IMPACTS DURING MARCH & SEPTEMBER 21 (EQUINOXES)

FIGURE 1



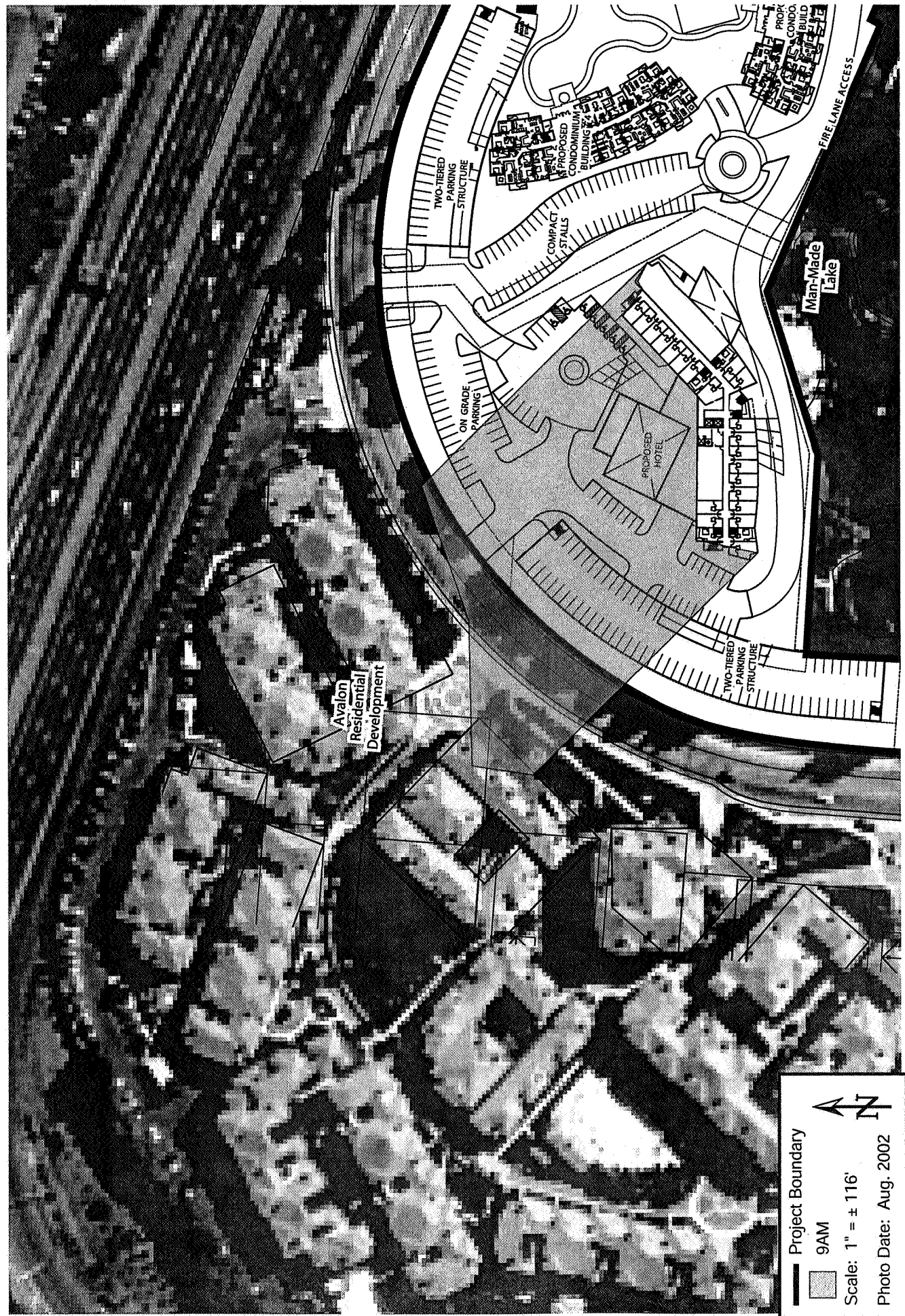
REPRESENTATIVE SHADE AND SHADOW IMPACTS DURING JUNE 21 (SUMMER SOLSTICE)

FIGURE 2



REPRESENTATIVE SHADE AND SHADOW IMPACTS DURING DECEMBER 21 (WINTER SOLSTICE)

FIGURE 3



REPRESENTATIVE SHADE AND SHADOW IMPACTS ON THE ADJACENT AVALON DEVELOPMENT DURING DECEMBER 21 (WINTER SOLSTICE)

FIGURE 4